

## Part 5 - Inputs in Java

### I.Objective Type Questions:

1. Which of the following are valid comments?
  1. `/* comment */`
  2. `/* comment`
  3. `// comment`
  4. `*/ comment */`

A) 1 only  
B) 3 only  
**C) 1 and 3**  
D) 1, 3 and 4
2. Name the type of error that occurs for the following statement:  
`System.out.println(Math.sqrt(36-45));`

A) Syntax error  
**B) Runtime error**  
C) Logical error  
D) No error
3. Name the type of error that occurs for the following statement:  
`inta;b;c;`

**A) Syntax error**  
B) Runtime error  
C) Logical error  
D) No error
4. Pick the statement that will include all the classes present in java.util package into your program:

A) `include java.util`  
B) `java.util`  
C) `packagejava.util`  
**D) `importjava.util`**
5. Name the type of error that occurs for the following scenario:  
Division by a variable that contains a value zero.

A) Syntax error  
**B) Runtime error**  
C) Logical error  
D) No error

6. Name the type of error that occurs for the following scenario:  
Multiplication operator used when the operation should be division.
- A) Syntax error
  - B) Runtime error
  - C) Logical error**
  - D) No error
7. Name the type of error that occurs for the following scenario:  
Missing semicolon at the end of a statement.
- A) Syntax error**
  - B) Runtime error
  - C) Logical error
  - D) No error
8. Which option completes the following statement:  
Scanner sc = ----- Scanner (-----);
- A) new and System.in**
  - B) old and System.in
  - C) new and System.out
  - D) new and java.in
9. Name the package that contains Scanner class.
- A) java.io
  - B) java.scanner
  - C) scanner.io
  - D) java.util**
10. Which of the following statement we must write to import just the Scanner class from the java.util package
- A) import java.util.\*
  - B) import package java.util.Scanner
  - C) includejava.util.Scanner
  - D) importjava.util.Scanner**
11. Which of the following is/are an invalid comment(s)?
- 1. /\* comment \*/
  - 2. /\*\* comment \*\*/
  - 3. // comment
  - 4. \*/ comment \*/

- A) 2 only
- B) 4 only**
- C) 2 and 4
- D) 2, 3 and 4

12. Name the method of Scanner class that is used to input an integer data from the standard input device

- A) NextInt()
- B) nextInteger()
- C) nextNumber()
- D) nextInt()**

13. Name the keyword used to call a package in the program

- A) package
- B) include
- C) call
- D) import**

14. Name the input source that a Scanner object uses to accept data from the standard input device

- A) System.in**
- B) System.input
- C) Scanner.in
- D) Java.input

15. The following code snippet will result in:

```
int i;  
i++;
```

- A) Syntax error**
- B) Runtime error
- C) Logical error
- D) No error

16. Pick the invalid method that is not in the Scanner class:

- A) nextInt()
- B) next()
- C) nextNumber()**
- D) nextLong()

17. Pick the default delimiter used in the Scanner class:

- A) Semicolon
- B) Comma
- C) Whitespace**
- D) There is no default delimiter

18. The package that contains methods to display date and time is:

- A) Java.date
- B) Java.lang
- C) Java.io
- D) Java.util**

19. Which statement is true?

- A) The next() method is used to read the next complete token
- B) The nextLine() method is used to read a complete line of text
- C) The next().charAt(0) returns the first character
- D) All of the above**

20. Name the method of Scanner class that checks if the Scanner has another token in its input:

- A) hasNext()**
- B) nextToken()
- C) getNext()
- D) hasNextToken()